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## **Streamflow Forecast Summary: March 1, 2012 (averages based on 1981-2010 reference period)**

SALT RIVER BASIN	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Salt R nr Roosevelt <sup>3</sup>	MAR			48	37%			131
Tonto Ck ab Gun Ck nr Roosevelt <sup>3</sup>	MAR			6	36%			16.9
	MAR-MAY	0.43	3.3	8	31%	15.7	34	26

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
  - 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
  - 3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment								
VERDE RIVER BASIN	Chance that actual volume will exceed forecast							
	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Verde R bl Tangle Ck ab Horseshoe Dam <sup>3</sup>	MAR			20	40%			50
	MAR-MAY	9.6	26	45	31%	71	124	144

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		Forecast Exceedance Probabilities for Risk Assessment						
		Chance that actual volume will exceed forecast						
<b>SAN FRANCISCO-UPPER GILA RIVER BASIN</b>	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Gila R at Gila <sup>3</sup>	MAR-MAY	9.2	14.5	19	56%	24	34	34
Gila R bl Blue Ck nr Virden <sup>3</sup>	MAR-MAY	7.6	10	19	40%	32	52	47
San Francisco R at Glenwood <sup>3</sup>	MAR-MAY	2.3	5.1	8	49%	11.8	19.2	16.4
San Francisco R at Clifton <sup>3</sup>	MAR-MAY	8	12	20	48%	32	49	42
Gila R nr Solomon <sup>3</sup>	MAR			20	38%			53
	MAR-MAY	15	22	39	37%	76	131	105
San Carlos Reservoir Inflow <sup>3</sup>	MAR-MAY	5	8	17	27%	42	78	63.5

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	MAR-MAY	0	0.2	0.5	34%	1.33	2.6	1.49
Zuni R ab Black Rock Reservoir <sup>3</sup>	MAR-MAY	0	0.02	0.1	17%	4	9.7	0.6
Blue Ridge Reservoir Inflow <sup>3</sup>	MAR-MAY	1.08	2.4	3.7	29%	5.4	8.8	12.8
Lake Mary Reservoir Inflow <sup>3</sup>	MAR-MAY	0.8	1.09	1.7	41%	2.5	4.1	4.1

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
CHUSKA MOUNTAINS	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Captain Tom Wash nr Two Gray Hills	MAR-MAY	0.15	0.72	1.5	53%	2.7	5.5	2.83
Wheatfields Ck nr Wheatfields	MAR-MAY	0.93	1.25	1.5	52%	1.79	2.3	2.9
Bowl Canyon Ck ab Asaayi Lake	MAR-MAY	0.29	0.46	0.6	60%	0.77	1.08	1
Kinlichee Ck	MAR-MAY	0.27	0.52	0.75	44%	1.04	1.59	1.7

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
NORTHWESTERN ARIZONA	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Virgin R at Littlefield	APR-JUL	14	18.2	27	36%	38	56	74
Lake Powell Inflow <sup>2</sup>	APR-JUL	3200	4160	5300	67%	6580	8200	7930

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